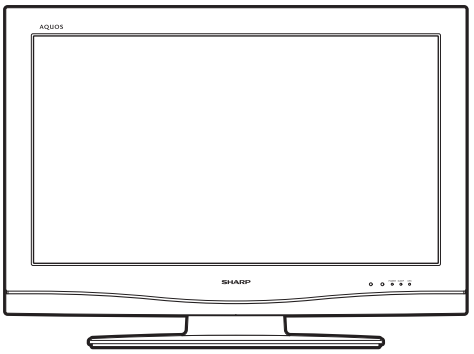
SHARP SERVICE MANUAL

No. S47G5LC37GP1U

SUPPLEMENT



LCD COLOR TELEVISION

MODEL LC-37GP1U

In the interests of user-safety (Required by safety regulations in some countries) the set should be restored to its original condition and only parts identical to those specified should be used.

OUTLINE

In this Service Manual, only parts in the LCD module are shown. For the other points, refer to the LC-37GP1U (SY6A5LC32GP1U) Service Manual.

Parts marked with " ⚠ " are important for maintaining the safety of the set. Be sure to replace these parts with specified ones for maintaining the safety and performance of the set.

SHARP CORPORATION

This document has been published to be used for after sales service only.
The contents are subject to change without notice.

OUTLINE AND ADJUSTMENT

[1] Outline

In this Service Manual, only parts in the LCD module are shown. For the other points, refer to the LC-37GP1U (SY6A5LC32GP1U) Service Manual.

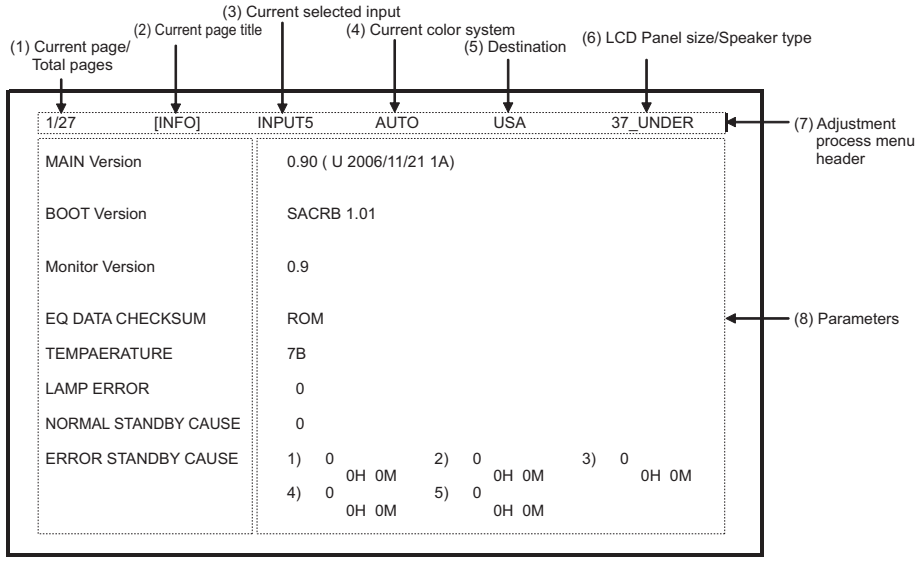
[2] Adjustment

When replacing the LCD control PCB, follow these steps to adjust VCOM.

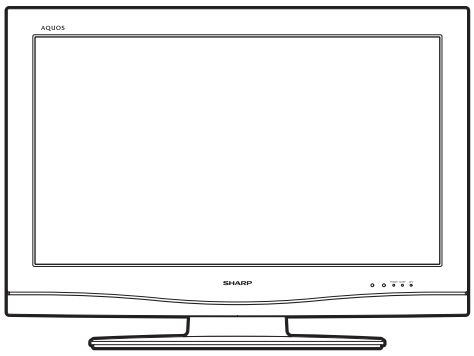
1) Enter the adjustment process mode.
2) Select the item [VCOM ADJ] on the page 3/27 using the CH (∧)/(∨) keys on the remote controller.
3) Press the Enter key to check that the adjustment pattern is displayed.
4) Adjust the flicker in the middle of the screen to minimum using the VOL (+)/(-) keys on the remote controller.
5) Press the Enter key to turn off the pattern.
6) To exit the adjustment process mode after the adjustment is done, unplug the AC cord from the outlet to make a forced shutdown. (When the power was turned off with the remote controller, once unplug the AC cord and plug it again. In this case, wait 10 seconds or so before plugging.)

CAUTION: Use due care in handling the information described here lest your users should know how to enter the adjustment process mode. If the settings are tampered in this mode, unrecoverable system damage may result.

Description of display



SHARP PARTS GUIDE



LCD COLOR TELEVISION

MODEL LC-37GP1U

CONTENTS

[1] LCD MODULE Assembly

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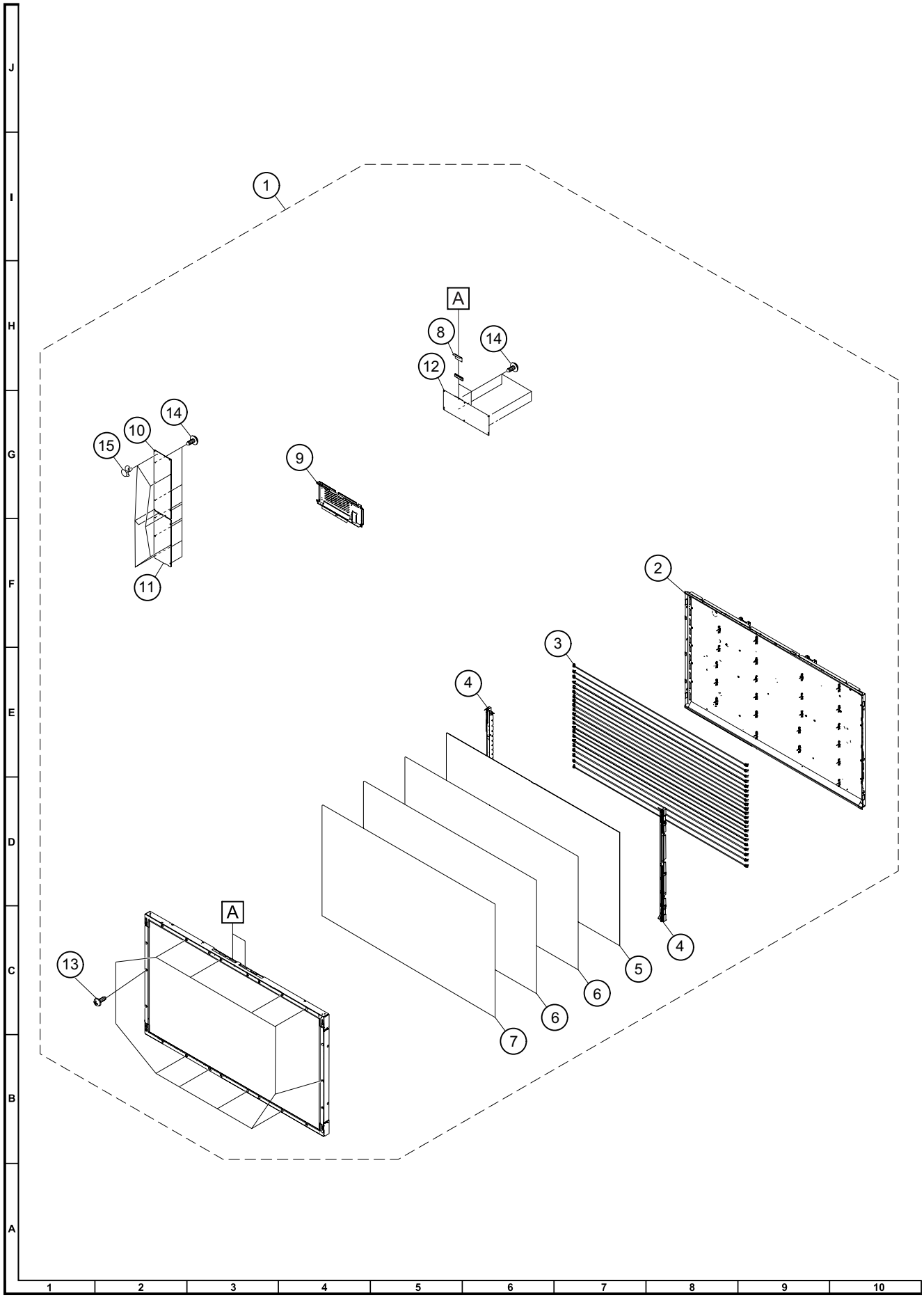
[1] LCD MODULE Assembly



NO.	PARTS CODE	PRICE RANK	NEW MARK	PART DELIVERY	DESCRIPTION
[1] LCD MODULE Assembly					
1	R1LK370D3LZ2B	EE	N	J	LCD Module Ass'y
2	CANGK3681TP01	BM	N	J	Back Light Angle Ass'y
3	KLMP-A127WJZZ	BA	N	J	Lamp Unit, x10
4	LHLDZ3382TPZZ	AM	N	J	holder, x2
5	PSLDK2717TPZZ	BC	N	J	Diffusion Panel
6	PSLDK2718TPZZ	AX	N	J	Reflection Sheet, x2
7	POFMD0111TPZZ	BR	N	J	Polarized light reflection sheet
8	QPWBM0327TPZZ	AG	N	J	CS-FPC, x2
9	CSLDMA804WJ01	AM		J	Shield Case Ass'y
10	RUNTKA275WJZZ	BK	N	J	INVERTER Unit A
11	RUNTKA276WJZZ	BG	N	J	INVERTER Unit B
12	CPWBX3520TPZF	BR	N	J	LCD CONTROL Unit
13	XBBSN30P14000	AA		J	Screw, x10
14	XBPS730P06WS0	AA		J	Screw, x12
15	PSPAZB030WJKZ	AB		J	Spacer, x10

SHARP

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